

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

1.-15. (Cancelled).

16. (Currently Amended) A method comprising:

checking a destination address of a received packet ~~by an intermediate node configured to arrange data transmission between a first device and a second device in a local area networking system, wherein at least the second device is configured to multicast and/or broadcast messages;~~

comparing the destination address of the packet with at least one predetermined multicast and/or broadcast address; ~~and~~

preventing, ~~in the system,~~ the transmission of the packet to ~~the~~ first device in response to the addresses matching; and

~~wherein, in response to the addresses not matching, forwarding the multicast and/or broadcast messages packet from the second device are forwarded by the intermediate node~~ to at least the first device in response to the addresses not matching.

17. (Currently Amended) A method as claimed in claim 16, wherein the packet is received from a second device, and wherein the ~~intermediate node is configured to connect~~ method further comprises connecting a first network comprising the first device to a second network comprising the second device, and wherein the first and second networks that use different data transmission protocols.

18. (Previously Presented) A method as claimed in claim 16, wherein the destination address is an internet protocol address.

19. (Currently Amended) A method as claimed in claim 16, wherein the packet is received from a second device, and wherein the first device belongs to a mobile handheld subcommittee domain of a universal plug and play system and the second device belongs to a home network version 1 domain of the universal plug and play system.

20. (Currently Amended) A method as claimed in claim 19, wherein transmission of universal plug and play discovery multicast ~~messages-packets~~ to the first device is prevented.

21. (Currently Amended) A system comprising:

a first device;

a second device; and

an intermediate node configured to arrange data transmission between the first device and the second device;

wherein at least the second device is configured to multicast and/or broadcast ~~message~~packets to devices in the system, wherein the ~~system-intermediate node~~ is configured to check ~~the~~a destination address of a ~~received~~packet received from the second device, the ~~intermediate nodesystem~~ is configured to compare the destination address of the packet with at least one predetermined multicast and/or broadcast address, and wherein the ~~intermediate nodesystem~~ is configured to prevent ~~in the system~~ the transmission of the packet to the first device in response to the addresses matching, and wherein, ~~in response to the addresses not matching~~, the ~~system-intermediate node~~ is configured to forward

~~the multicast and/or broadcast messages packet from the second device to at least the first device in response to the addresses not matching.~~

22. (Currently Amended) An apparatus comprising:

a processor configured to

check ~~the~~ a destination address of a received packet, ~~wherein the apparatus comprises an intermediate node configured to arrange data transmission between a first device and a second device in a local area networking system;~~

compare the destination address of the packet with at least one predetermined multicast and/or broadcast address; and

prevent the transmission of the packet ~~in the system to the~~ a first device in response to the addresses matching; and

~~wherein, in response to the addresses not matching, the processor is configured to cause the apparatus to forward multicast and/or broadcast the messages packet from the second device to~~ at least the first device in response to the addresses not matching.

23. (Currently Amended) The apparatus according to claim 22, wherein the packet is received from a second device, and wherein the processor is configured to cause the apparatus to connect a first network comprising the first device to a second network comprising the second device and the first and second networks that use different data transmission protocols.

24. (Previously Presented) The apparatus according to claim 23, wherein the processor is configured to cause the apparatus to perform data transmission between an IEEE 802-based network to which the second device belongs and a bluetooth network to which the first device belongs.

25. (Previously Presented) The apparatus according to claim 22, wherein the destination address is an internet protocol address.

26. (Currently Amended) The apparatus according to claim 22, wherein the packet is received from a second device, and wherein the processor is configured to cause the apparatus to provide data transmission between the first device belonging to a mobile handheld subcommittee domain of a universal plug and play system and the second device belonging to a home network version 1 domain of the universal plug and play system.

27. (Currently Amended) The apparatus according to claim ~~25~~, 26, wherein the processor is configured to prevent transmission of universal plug and play discovery multicast ~~message~~packets to the first device,~~and~~

~~the processor is configured to cause the apparatus to forward at least the broadcast messages relating to address acquisition to the first device.~~

28. (Currently Amended) The apparatus according to claim 22, wherein the processor is configured to check, in addition to the comparison of the destination address of the packet with at least one predetermined multicast and/or broadcast address, if the packet complies with one or more further message transmission conditions, and the processor is configured to allow forwarding of the ~~messagepacket~~ to the first device in response to the ~~messagepacket~~ complying with the one or more further message transmission conditions.

29.-31. (Canceled)

32. (Currently Amended) A memory storing a computer program, the computer program configured to control a processor to perform the following:

check a destination address of a received packet;

comparing the destination address of the packet with at least one predetermined multicast and/or broadcast address;

preventing transmission of the packet in the system to a first device in response to the addresses matching; and

~~in response to the addresses not matching, forwarding multicast and/or broadcast messages~~
the packet from the second device to at least the first device in response to the addresses not matching.

33. (Currently Amended) A ~~memory~~ memory according to claim 32, wherein the computer program is further configured to control the processor to prevent transmission of universal plug and play discovery multicast ~~messagepackets~~ to the first device.

34. (Currently Amended) A memory according to claim 32, wherein the computer program is further configured to control the processor to compare one or more properties of the ~~messagepacket~~ to properties specified in predetermined transmission conditions to determine whether the ~~messagepacket~~ should be ~~transferred~~ forwarded to the first device.

35. (Canceled).

36. (Currently Amended) The apparatus according to claim 22, wherein the processor is configured to check whether the first device is in sleep mode and, when the first device is in sleep mode, the processor is configured to wake up the first device before ~~transmitting a~~ forwarding the ~~messagepacket~~ to the first device.

37. (Canceled)

38. (New) The apparatus according to claim 27, wherein the processor is configured to cause the apparatus to forward at least broadcast packets relating to address acquisition to the first device